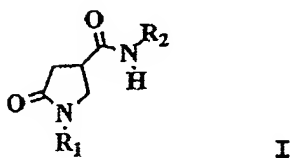


B. Amendments to the Claims:

Please amend the claims as follows:

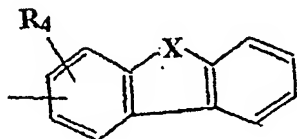
1. (original) A pyrrolidonecarboxamide of the formula



in which

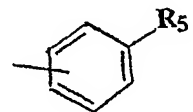
R^1 is phenyl which is optionally monosubstituted or disubstituted in the phenyl radical by alkyl, alkoxy, dialkylamino, halogen or trifluoromethyl, benzyl, phenylethyl or α -hydroxyphenylethyl; naphthyl or naphthylmethyl; thienyl-, furyl-, pyridyl-, 1-alkylpyrrolidin-2-yl-, pyrrolidino- or morpholino-alkyl; or cycloalkyl which can optionally possess a fused-on benzene ring;

R^2 is a radical of the formula



(a)

or



(b)

X is $-\text{CH}_2-$, $-\text{CO}-$, $-\text{O}-$ or $-\text{NR}^3-$;

R^3 is hydrogen or alkyl;

R^4 is hydrogen or alkoxy;

R⁵ is phenyl, heteroalkyl, aryloxy, alkoxy, alkanoyl or -NR⁶R⁷;

R⁶ is hydrogen, alkyl, aralkyl, cycloalkylalkyl or alkoxycarbonylalkyl; and

R⁷ is aryl, heteroaryl, alkyl, hydroxyalkyl or acyl;

pharmaceutically utilizable acid addition salts of basic compounds of the formula I,

pharmaceutically utilizable salts of acid compounds of the formula I with bases,

pharmaceutically utilizable esters of compounds of the formula I which contain hydroxyl or carboxyl groups, and hydrates or solvates thereof.

2. (original) A compound as claimed in claim 1, in which R¹ is phenyl, 4-tolyl, 2,5-dimethylphenyl, 2-isopropylphenyl, 3-methoxyphenyl, 2-methyl-5-methoxyphenyl, benzyl, 2-phenylethyl, 2-(2-pyridyl)ethyl, 2-(2-thienyl)ethyl, 2-indanyl or 2-morpholinoethyl.

3. (original) A compound as claimed in claim 1, in which R¹ is cycloheptyl, 2-hydroxy-2-phenylethyl, 2-thienylmethyl, 2-furanylmethyl, 4-chlorobenzyl, 3-fluorophenyl, 2,4-dimethoxybenzyl or 2-chlorobenzyl.

4. (original) A compound as claimed in claim 1, in which R¹ is 2-naphthyl, naphthalen-1-ylmethyl, 4-dimethylaminophenyl, 2-pyrrolidin-1-ylethyl, 1-methylpyrrolidin-2-ylethyl, 4-isopropylphenyl or 3,5-bis(trifluoromethyl)phenyl.

5. (original) A compound as claimed in claim 1, in which R¹ is 2,5-dimethylphenyl, 2-isopropylphenyl or 2-methyl-5-methoxyphenyl.

6. (currently amended) A compound as claimed in one of claims 1 to 5, in which R² is biphenyl-4-yl, 4-methoxyphenyl, 4-phenoxyphenyl, 4-dimethylaminophenyl, 4-diethylaminophenyl, 4-phenylaminophenyl, 4-[N-ethyl-N-(2-hydroxyethyl)amino]phenyl, 4-(N-ethyl-N-isopropylamino)phenyl, 4-N-(4,6-dimethyl-2-pyrimidinyl)aminophenyl, 4-[N-ethyl-N-(4,6-dimethyl-2-pyrimidinyl)amino]phenyl, 4-[N-methyl-N-(4,6-dimethyl-2-

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pyrimidinyl)amino]phenyl, 4-acetylphenyl, 9H-fluoren-2-yl, 9-oxo-9H-fluoren-2-yl or 9-ethylcarbazol-3-yl.

7. (currently amended) A compound as claimed in ~~one of~~ claims 1 to 5, in which R² is 4-(N-ethoxycarbonylmethyl-N-phenylamino)phenyl, 4-(N-ethyl-N-phenylamino)phenyl, 4-(N-methyl-N-phenylaminophenyl, 4-(N-cyclopropylmethyl-N-phenylamino)phenyl, 4-(N-isobutyl-N-phenylamino)phenyl, 4-(2-methoxybenzoylamino)phenyl, 4-(2,2-dimethylpropionylamino)phenyl, 4-(3-methylbutyrylamino)phenyl, 4-(cyclopropanecarbonylamino)phenyl, 4-(3-fluorobenzoylamino)phenyl or 4-[(furan-2-carbonyl)amino]phenyl.

8. (currently amended) A compound as claimed in ~~one of~~ claims 1 to 5, in which R² is biphenyl-3-yl, 9H-fluoren-1-yl, 2-methoxydibenzofuran-3-yl, 4-(N-isopropyl-N-phenylamino)phenyl, 4-(N-benzyl-N-phenylamino)phenyl, 4-acetylaminophenyl, 4-benzoylamino)phenyl, 4-phenylacetylaminophenyl, 4-[(benzo[1,3]dioxole-5-carbonyl)amino]phenyl or 4-(4-methoxybenzoylamino)phenyl.

9. (currently amended) A compound as claimed in ~~one of~~ claims 1 to 5, in which R² is 9-ethyl-9H-carbazol-3-yl, 4-[N-ethyl-N-(4,6-dimethyl-2-pyrimidinyl)amino]phenyl, 4-[N-methyl-N-(4,6-dimethyl-2-pyrimidinyl)amino]phenyl, 4-(4,6-dimethyl-2-pyrimidinyl)amino]phenyl, 4-phenylaminophenyl, 4-diethylaminophenyl, 4-(N-ethyl-N-isopropylamino)phenyl, 4-(N-ethoxycarbonylmethyl-N-phenylamino)phenyl, 4-(N-ethyl-N-phenylamino)phenyl, 4-(N-methyl-N-phenylamino)phenyl or 2,4-dimethoxybenzyl.

10. (currently amended) A compound as claimed in claim 1, selected from the group consisting of:

rac. N-(9-Ethyl-9H-carbazol-3-yl)-5-oxo-1-(2-pyridin-2-ylethyl)pyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(2-hydroxy-2-phenylethyl)-5-oxopyrrolidine-3-carboxamide;

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rac. N-(4-Diethylaminophenyl)-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-5-oxo-1-(2-thiophen-2-ylethyl)pyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(4-chlorobenzyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-5-oxo-1-thiophen-2-ylmethylpyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-furan-2-ylmethyl-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-[4-(Ethylisopropylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-5-oxo-1-phenethylpyrrolidine-3-carboxamide;
rac. Ethyl [(4-{[1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carbonyl]amino}phenyl)phenylamino]acetate;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-cycloheptyl-5-oxopyrrolidine-3-carboxamide;
rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)ethylamino]phenyl}-1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-{4-[Ethyl-(2-hydroxyethyl)amino]phenyl}-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-[4-(Ethylphenylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(3-methoxyphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(2-chlorobenzyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-[4-(4,6-Dimethylpyrimidin-2-ylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)methylamino]phenyl}-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;
rac. N-(9-Ethyl-9H-carbazol-3-yl)-5-oxo-1-phenylpyrrolidine-3-carboxamide;
rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)methylamino]phenyl}-5-oxo-1-p-tolylpyrrolidine-3-carboxamide;

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rac. N-[4-(Isopropylphenylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(Ethylphenylamino)phenyl]-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)ethylamino]phenyl}-5-oxo-1-(2-pyridin-2-ylethyl)pyrrolidine-3-carboxamide;

rac. N-[4-(4,6-Dimethylpyrimidin-2-ylamino)phenyl]-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(4,6-Dimethylpyrimidin-2-ylamino)phenyl]-1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(Methylphenylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(Methylphenylamino)phenyl]-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(4-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(3-fluorophenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(4-Phenylaminophenyl)-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(4,6-Dimethylpyrimidin-2-ylamino)phenyl]-1-indan-2-yl-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(Ethylphenylamino)phenyl]-1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)methylamino]phenyl}-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-benzyl-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(4,6-Dimethylpyrimidin-2-ylamino)phenyl]-5-oxo-1-p-tolylpyrrolidine-3-carboxamide;

rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-indan-2-yl-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)ethylamino]phenyl}-1-(2-hydroxy-2-phenylethyl)-5-oxo-pyrrolidine-3-carboxamide;

rac. N-(Biphenyl-4-yl)-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

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rac. N-[4-(Cyclopropylmethylphenylamino)phenyl]-1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(Isopropylphenylamino)phenyl]-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(4-Phenylaminophenyl)-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)methylamino]phenyl}-1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)ethylamino]phenyl}-1-(3-methoxyphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)methylamino]phenyl}-5-oxo-1-m-tolylpyrrolidine-3-carboxamide;

rac. N-[4-(Cyclopropylmethylphenylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-{4-[(4,6-Dimethylpyrimidin-2-yl)ethylamino]phenyl}-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. Ethyl [(4-{[1-(5-methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carbonyl]amino}phenyl)phenylamino]acetate;

rac. N-[4-(Cyclopropylmethylphenylamino)phenyl]-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-[4-(Ethylphenylamino)phenyl]-1-indan-2-yl-5-oxopyrrolidine-3-carboxamide; and

rac. N-[4-(Isobutylphenylamino)phenyl]-1-(2-isopropylphenyl)-5-oxopyrrolidine-3-carboxamide.

11. (currently amended) A compound as claimed in claim 1, selected from the group consisting of:

rac. N-[4-(2-Methoxybenzoylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

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rac. N-[4-(2,2-Dimethylpropionylamino)phenyl]-1-(2,5-dimethylphenyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(2-morpholin-4-ylethyl)-5-oxopyrrolidine-3-carboxamide;

rac. N-(9-Ethyl-9H-carbazol-3-yl)-5-oxo-1-p-tolylpyrrolidine-3-carboxamide; and

rac. N-(9-Ethyl-9H-carbazol-3-yl)-1-(2,4-dimethoxybenzyl)-5-oxopyrrolidine-3-carboxamide.

12. (currently amended) A compound as claimed in claim 1, selected from the group consisting of:

rac. N-[4-(4,6-Dimethylpyrimidin-2-ylamino)phenyl]-1-(4-dimethylaminophenyl)-5-oxopyrrolidine-3-carboxamide; and

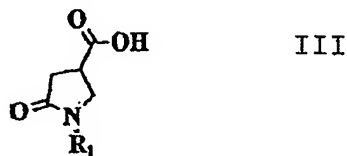
rac. N-[4-(4,6-Dimethylpyrimidin-2-yl)methylaminophenyl]-1-(4-dimethylaminophenyl)-5-oxopyrrolidine-3-carboxamide.

13. (currently amended) A compound as claimed in ~~one of~~ claims 1 ~~to~~ 12 for use as a therapeutic active compound.

14. (currently amended) A pharmaceutical composition, comprising a galenic administration form which comprises a compound as claimed in ~~one of~~ claims 1 ~~to~~ 12.

15. (currently amended) The use of compounds as claimed in ~~one of~~ claims 1 ~~to~~ 12 for preventing or treating arthritis, diabetes and, especially, eating disturbances and obesity, or for producing corresponding pharmaceuticals.

16. (currently amended) A process for preparing compounds as claimed in ~~one of~~ claims 1 ~~to~~ 12, characterized in that a pyrrolidinecarboxylic acid of the formula



in which R^1 has the meaning given in claim 1, or a reactive derivative thereof, is reacted with an amine of the formula



in which R^2 has the meaning given in claim 1, or a reactive derivative thereof, and, if desired, a stereoisomeric mixture which may possibly be obtained is resolved.

17. (original) A process for preparing compounds of the formula I defined in claim 1, in which R^2 is a radical of the formula (b), R^5 is $-NR^6R^7$ and R^7 is acyl, characterized in that a corresponding compound, in which, however, R^7 is hydrogen, is acylated and, if desired, a stereoisomeric mixture which may possibly be obtained is resolved.

18. (original) A compound of the formula IV defined in claim 16, or a corresponding nitro precursor, selected from:

Ethyl [(4-nitrophenyl)phenylamino]acetate;

Ethyl [(4-aminophenyl)phenylamino]acetate;

Cyclopropylmethyl(4-nitrophenyl)phenylamine;

N-Cyclopropylmethyl-N-phenylphenylene-1,4-diamine;

Isobutyl(4-nitrophenyl)phenylamine;

N-Isobutyl-N-phenylphenylene-1,4-diamine;

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Ethyl [(4-nitrophenyl)phenylamino]pentanoate;
Ethyl [(4-aminophenyl)phenylamino]pentanoate;
Benzyl(4-nitrophenyl)phenylamine; and
N-Benzyl-N-phenylphenylene-1,4-diamine.

19. (original) A compound of the formula III defined in claim 16, selected from:

rac. 1-Indan-2-yl-5-oxopyrrolidine-3-carboxylic acid;
rac. 1-Naphthalen-2-yl-5-oxopyrrolidine-3-carboxylic acid;
rac. 1-(5-Methoxy-2-methylphenyl)-5-oxopyrrolidine-3-carboxylic acid;
rac. 5-Oxo-1-(2-pyridin-2-ylethyl)pyrrolidine-3-carboxylic acid;
rac. 1-Cycloheptyl-5-oxopyrrolidine-3-carboxylic acid;
rac. 1-(2-Hydroxy-2-phenylethyl)-5-oxopyrrolidine-3-carboxylic acid;
rac. 5-Oxo-1-(2-pyrrolidin-1-ylethyl)pyrrolidine-3-carboxylic acid;
rac. 1-[2-(1-Methylpyrrolidin-2-yl)ethyl]-5-oxopyrrolidine-3-carboxylic acid; and
rac. 1-(3-Fluorophenyl)-5-oxopyrrolidine-3-carboxylic acid.